

TRANSMITTAL OF FORMAL DRAWINGS

Docket No.
12218.1600

In Re Application Of: Jun Shen

Serial No.

10/051,447

Filing Date

January 18, 2002

Batch No.

Examiner

To Be Assigned

Art Unit

2832

Invention: MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

Transmitted herewith are:

29 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

Signature

Brett A. Carlson, Reg. No. 39,928
Snell & Wilmer, L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6236
(602) 382-6070 - Facsimile
bacarlson@swlaw.com

Dated: May 6, 2002

I certify that this document and attached formal drawings
are being deposited on with the
U.S. Postal Service as first class mail under 37 C.F.R. 1.8
and addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Suzie G. Mascari

Typed or Printed Name of Person Mailing Correspondence

05-09-02 m.w.

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)**

8mp

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

MAY 07 2002

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

Invention: MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on Februray 19, 2002.
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ _____ verified small entity declaration(s)
 - ☐ is/are attached.
 - ☐ was/were filed on _____
- ☐ A separate request for refund.

☒ Other (list):

Transmittal of Formal Drawings

Correspondence to Accompany Formal Drawings

Copy of Previously submitted signed Oath and Declaration filed on March 6, 2002

05/10/2002 10:00AM 00000079 10051447

05 FEB 2002

55.00 OP

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

Invention: MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

☐ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims

☐ Surcharge for late payment of filing fee and/or late filing of original declaration or oath

☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees _____

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☒ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: April 19, 2002
Date

until: May 19, 2002
Date

Total time extension fees \$55.00

Total fees due \$55.00

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

Invention: **MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

The fee of **\$55.00** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No.
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-2814
A duplicate copy of this sheet is enclosed.


Signature

Brett A. Carlson, Reg. No. 39,928
Snell & Wilmer L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6236
(602) 382-6070 - Facsimile
bacarlson@swlaw.com

Dated: May 6, 2002

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Suzie G. Mascari

Typed or Printed Name of Person Mailing Correspondence

CC:



IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

PATENT

Applicant: Jun Shen, et al.

Docket No.: 12218.1600

Serial No.: 10/051,447

Group Art Unit: 2832

Filed: January 18, 2002

Examiner: TBA

Title: MICRO-MAGNETIC LATCHING SWITCH
WITH RELAXED PERMANENT MAGNET
ALIGNMENT REQUIREMENTS

CORRESPONDENCE TO ACCOMPANY FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Commissioner:

Applicant submits herewith formal drawings as noted by the Notice of Missing Parts mailed on February 19, 2002. Applicant previously submitted the signed oath and declaration (copy enclosed) with the appropriate fee on March 6, 2002, and therefore believes that no additional fee is necessary. Should any fee be required by this submission, the Office is authorized to deduct such fee from deposit Account No. 19-2814, for **which purpose a duplicate copy of this sheet is attached.**

Please contact the undersigned with any questions.

Dated: May 7, 2002

Respectfully submitted,

By: 

Brett A. Carlson
Reg. No. 39,928

SNELL & WILMER
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6236
(602) 382-6070 - Facsimile
bacarlson@swlaw.com



SNELL & WILMER L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, AZ 85004-2202

COPY

Attn: Intellectual Property Dept.

BTC



THE U.S. PATENT AND TRADEMARK OFFICE OFFICIAL MAIL
ROOM STAMP AFFIXED HERETO ACKNOWLEDGES RECEIPT OF
THE ITEMS CHECKED BELOW:

Serial No.: 10/051,447

Applicant: Jun Shen et al.

Filing Date: January 18, 2002

Title/Mark: Micro-Magnetic Latching Switch With
Relaxed Permanent Magnet Alignment
Requirements

- ☐ Patent Application
- ☐ Pages in Spec _____ No of Claims _____
- ☐ Drawing Sheets: (F) _____ (INF) _____
- ☒ Check \$ 65.00 No.: 288464
- ☒ Power of Attorney
- ☐ Extension of Time (duplicate)
- ☐ Preliminary Amendment
- ☐ Amendment
- ☐ Amendment after FINAL Rejection
- ☐ Issue Fee (Base and/or Balance)
- ☐ Response to _____
- ☐ Assignment, Coversheet and Fee
- ☒ Declaration
- ☐ Information Disclosure Statement & Form 1449
- ☒ Small Entity Statement
- ☒ Marked items placed in First Class Mail on March 6, 2002
- ☐ Marked items filed via Express Mail No. _____ on _____



S&W Docket No. 12218.1600 Atty: BTC

COPY

PRINT STAUFFER LAUGHLIN (480) 941-6900

SECRETARY CHECK

91-2
1221

Snell & Wilmer
— L.L.P. —
ONE ARIZONA CENTER
PHOENIX, ARIZONA 85004-0001



HOME OFFICE
BANK ONE
PHOENIX, ARIZONA

CHECK 288464

DATE

AMOUNT

February 26, 2002

\$ 65.00

SIXTY-FIVE AND NO/DOLLARS

PAY
TO THE
ORDER
OF

Commissioner of Patents
and Trademarks

Snell & Wilmer
— L.L.P. —

VOID IF NOT PROCESSED IN 90 DAYS

NOT NEGOTIABLE

⑈288464⑈ ⑆422100024⑆

⑈288464⑈ ⑆422100024⑆

DESCRIPTION	ACCOUNT NO.	AMOUNT
Arizona State University	12218.1600	\$65.00
Filing fee for: Response to Notice to File Missing Parts - Oath or Declaration		
BTC		

PLEASE DETACH THIS STATEMENT
BEFORE DEPOSITING CHECK

Snell & Wilmer
— L.L.P. —
ONE ARIZONA CENTER
PHOENIX, ARIZONA 85004-0001
(602) 382-6000

THIS CHECK IS TENDERED IN
PAYMENT OF ITEMS LISTED

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

COPY

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

Invention: **MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on
Februray 19, 2002
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ 1 verified small entity declaration(s)
 - ☒ is/are attached.
 - ☐ was/were filed on _____
- ☐ A separate request for refund.
- ☒ Other (list):

Power of Attorney

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

COPY

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

Invention: **MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

☒ Completion of application fees as calculated below:

☐ Utility application filing fee _____

☐ Design application filing fee _____

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims _____

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$65.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor _____

☐ Fee for processing an application filed with a non-English language specification _____

☐ Fee for processing and retention of application _____

Total completion of application fees **\$65.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: _____ until: _____
Date Date

Total time extension fees _____

Total fees due **\$65.00**

Response To Notice To Fill Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)

Docket No.
12218.1600

In Re Application Of: Jun Shen et al.

COPY

Serial No.
10/051,447

Filing Date
January 18, 2002

Examiner
To Be Assigned

Group Art Unit
2832

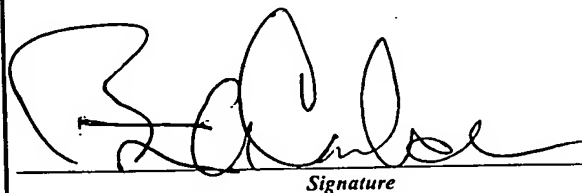
Invention: MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

The fee of \$65.00 is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 19-2814
A duplicate copy of this sheet is enclosed.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-2814
A duplicate copy of this sheet is enclosed.


Signature

Dated: March 6, 2002

Brett A. Carlson, Reg. No. 39,928
Snell & Wilmer L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6236
(602) 382-6070 - Facsimile
bacarlson@swlaw.com

CC:

I certify that this document and fee is being deposited on March 6, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of Person Mailing Correspondence

Suzie G. Mascari

Typed or Printed Name of Person Mailing Correspondence



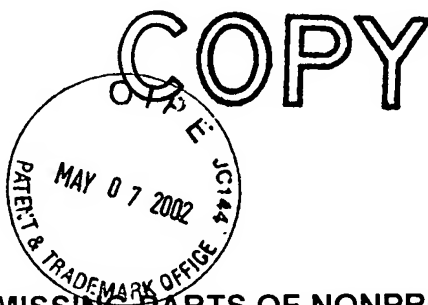
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

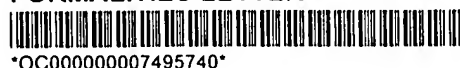
APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/051,447	01/18/2002	Jun Shen	12218.1600

CONFIRMATION NO. 1906

20322
SNELL & WILMER
ONE ARIZONA CENTER
400 EAST VAN BUREN
PHOENIX, AZ 850040001



FORMALITIES LETTER



Date Mailed: 02/19/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Jun Shen

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

COPY